11/30/84
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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended November 23, 1984 NO. 47

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/23/84	Last Week Ending: 11/16/84	Last Year Week Ending: 11/25/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,179	12,133	12,194	46	-15
Operable capacity	16,074	16,074	16,309	0	-235
Percent operated	75.8	75.5	74.8		
Motor Gasoline					
Total motor gasoline production	6,565	6,627	6,788	-62	-223
Finished leaded motor gasoline production	2,614	2,539	2,946	75	-332
Finished unleaded motor gasoline production	3,951	4,088	3,842	-137	109
Total motor gasoline stocks	234,109	232,349	231,540	1,760	2,569
Finished leaded motor gasoline stocks	86,687	85,704	93,456	983	-6,769
Finished unleaded motor gasoline stocks	107,276	107,936	99,385	-660	7,891
Distillate Fuel Oil					
Distillate fuel oil production	2,707	2,749	2,781	-42	-74
Distillate fuel oil stocks	156,805	155,373	162,224	1,432	-5,419
Residual Fuel Oil					
Residual fuel oil production	988	841	691	147	297
Residual fuel oil stocks	50,774	49,225	49,060	1,549	1,714
Imports					
Crude oil imports	2,773	3,820	3,175	-1,047	-402
Product imports	1,926	2,105	1,854	-179	72
Crude Oil Stocks					
Crude oil stocks	349,036	350,497	355,290	-1,461	-6,254

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,187	1,049	1,059	1,405	75.4
Appal. No. 1	102	96	96	115	83.5
DISTRICT 1 TOTAL	1,289	1,145	1,155	1,520	76.0
Appal. No. 2	57	52	52	66	78.8
Ind., Ill., Ky.	1,803	1,651	1,666	2,309	72.2
Minn., Wis., Daks.	306	289	299	303	98.7
Okla., Kans., Mo.	763	700	717	755	95.0
DISTRICT 2 TOTAL	2,929	2,692	2,734	3,433	79.6
Inland Texas	466	458	466	615	75.8
Texas Gulf Coast	3,188*	2,891*	2,951*	3,837	76.9*
La. Gulf Coast	2,173	2,003	2,009	2,562	78.4
N. La. and Ark.	194	183	186	302	61.6
New Mexico	61	56	56	114	49.1
DISTRICT 3 TOTAL	6,082*	5,591*	5,668*	7,430	76.3*
DISTRICT 4 TOTAL	466	430	434	537	80.8
DISTRICT 5 TOTAL	2,474*	2,174*	2,188*	3,154	69.4*
TOTAL U.S.	13,240	12,032	12,179	16,074	75.8
TOTAL U.S.					
Weeks Ended:					
NOV. 16, 1984	13,227*	11,967*	12,133*	16,074	75.5*
NOV. 25, 1983	12,883	11,929	12,194	16,309	74.8
DISTRICTS 1-4					
Weeks Ended:					
NOV. 23, 1984	10,766	9,858	9,991	12,920	77.3
NOV. 16, 1984	10,811*	9,785*	9,916*	12,920	76.7*
NOV. 25, 1983	10,793	9,879	10,143	13,249	76.6

* See Revisions on Page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended November 23, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	590	184	406	29	24	287	161
Appal. No. 1	46	24	22	2	--	28	8
DISTRICT 1 TOTAL	636	208	428	31	24	315	169
Appal. No. 2	38	13	25	1	--	16	2
Ind., Ill., Ky.	1,059*	437	622*	13	76	362	50
Minn., Wis., Daks.	176	104	72	3	11	80	8
Okla., Kans., Mo.	396	186	210	6	34	194	7
DISTRICT 2 TOTAL	1,669*	740	929*	23	121	652	67
Inland Texas	288	161	127	37	25	123	21
Texas Gulf Coast	1,596	551	1,045	47	153	612	241
La. Gulf Coast	1,004	363	641	30	241	448	122
N. La. and Ark.	60	21	39	5	--	61	9
New Mexico	36	21	15	9	3	13	--
DISTRICT 3 TOTAL	2,984	1,117	1,867	128	422	1,257	393
DISTRICT 4 TOTAL	271	158	113	13	24	127	9
DISTRICT 5 TOTAL	1,005	391	614	43	256	356	350
TOTAL U.S.	6,565	2,614	3,951	238	847	2,707	988
TOTAL U.S. Weeks Ended:							
NOV. 16, 1984	6,627*	2,539	4,088*	220	948	2,749	841
NOV. 25, 1983	6,788	2,946	3,842	248	771	2,781	691
DISTRICTS 1-4 Weeks Ended:							
NOV. 23, 1984	5,560	2,223	3,337	195	591	2,351	638
NOV. 16, 1984	5,563*	2,117	3,446*	151	694	2,348	528
NOV. 25, 1983	5,742	2,483	3,259	198	578	2,401	410

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

* See Revisions on Page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended November 23, 1984

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,756	2,203	3,552	1	105	682	13,166	1,734	--
Central Atlantic	30,115	10,958	14,632	4,525	571	5,295	43,763	21,906	12,092
Lower Atlantic	26,353	10,810	15,202	341	251	3,982	14,961	4,045	511
DISTRICT 1 TOTAL	62,224	23,971	33,386	4,867	927	9,959	71,890	27,685	12,603
DISTRICT 2 TOTAL	65,946	28,639	30,055	7,252	1,309	9,566	37,653	4,036	19,356
DISTRICT 3 TOTAL	70,895*	22,466*	30,649*	17,780	2,520	13,866	32,986*	10,088	50,367*
DISTRICT 4 TOTAL	6,397	2,582	2,231	1,584	372	648	3,526	499	2,918
DISTRICT 5 TOTAL	28,647	9,029	10,955	8,663	1,658	5,407	10,750	8,466	24,660
TOTAL U.S.	234,109	86,687	107,276	40,146	6,786	39,446	156,805	50,774	109,904
TOTAL U.S. Weeks Ended:									
NOV. 16, 1984	232,349*	85,704*	107,936*	38,709	6,086	39,610	155,373*	49,225	109,472*
NOV. 25, 1983	231,540	93,456	99,385	38,699	6,383	36,106	162,224	49,060	109,508
DISTRICTS 1-4 Weeks Ended:									
NOV. 23, 1984	205,462	77,658	96,321	31,483	5,128	34,039	146,055	42,308	85,244
NOV. 16, 1984	204,160*	76,649*	96,967*	30,544	4,419	33,898	144,648*	40,821	84,729*
NOV. 25, 1983	205,478	84,836	88,645	31,997	4,961	30,821	151,822	40,455	85,137

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

NA-Not Available

* See Revisions on Page 7

WEEKLY STATISTICAL BULLETIN
Week Ended November 23, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1984	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
NOV. 23, 1984	5,934.0	5,989.0	2,665	161	269,269
NOV. 16, 1984	5,934.0	--	3,630	277	271,277
NOV. 9, 1984	5,934.0	--	3,738	473	271,738
NOV. 2, 1984	5,924.5	--	3,208	306	265,422
DISTRICT 5 TOTAL					
NOV. 23, 1984	2,896.8	2,824.0	108	--	79,767 ‡
NOV. 16, 1984	2,896.8	--	190	--	79,220
NOV. 9, 1984	2,896.8	--	255	--	72,234
NOV. 2, 1984	2,851.8	--	217	--	67,918
TOTAL U.S.					
NOV. 23, 1984	8,830.8	8,813.0	2,773	161	349,036 ‡
NOV. 16, 1984	8,830.8	--	3,820	277	350,497
NOV. 9, 1984	8,830.8	--	3,993	473	343,972
NOV. 2, 1984	8,776.3	--	3,425	306	333,340
NOV. 25, 1983	8,770.0 /a	--	3,175	243	355,290

‡INCLUDES 27,540 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a DOE actual for November 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
NOV. 23, 1984	14,523	75,218	165,451	14,077	269,269	79,767 ‡	349,036 ‡
NOV. 16, 1984	15,460	75,048	166,713	14,056	271,277	79,220	350,497
NOV. 25, 1983	16,261	77,885	162,854	12,910	269,910	85,380	355,290

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	82	--	12	--	--	94
Central Atlantic	162	49	113	--	10	264	191	12	110	102	851
Lower Atlantic	--	--	--	--	--	26	245	--	--	--	271
DISTRICT 1 TOTAL											
NOV. 23, 1984	162	49	113	--	10	372	436	24	110	102	1,216
NOV. 16, 1984	276	104	172	12	--	331	449	49	--	169	1,286
NOV. 9, 1984	232	97	135	--	2	287	285	65	--	30	901
NOV. 2, 1984	287	106	181	--	43	134	576	21	--	36	1,097
DISTRICTS 2–4 TOTAL											
NOV. 23, 1984	17	9	8	--	--	43	38	271	155	110	634
NOV. 16, 1984	48	6	42	--	--	--	106	272	69	158	653
NOV. 9, 1984	22	7	15	--	--	37	79	182	46	127	493
NOV. 2, 1984	23	6	17	--	--	--	86	170	132	199	610
DISTRICT 5 TOTAL											
NOV. 23, 1984	19	8	11	--	3	2	7	24	--	21	76
NOV. 16, 1984	25	10	15	--	--	8	15	29	68	21	166
NOV. 9, 1984	10	--	10	--	--	7	11	12	--	16	56
NOV. 2, 1984	--	--	--	--	--	--	3	12	--	33	48
TOTAL U.S.	198	66	132	--	13	417	481	319	265	233	1,926
TOTAL U.S. Weeks Ended:											
NOV. 16, 1984	349	120	229	12	--	339	570	350	137	348	2,105
NOV. 9, 1984	264	104	160	--	2	331	375	259	46	173	1,450
NOV. 2, 1984	310	112	198	--	43	134	665	203	132	268	1,755
NOV. 25, 1983	283	193	90	--	30	276	813	266	92	94	1,854

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

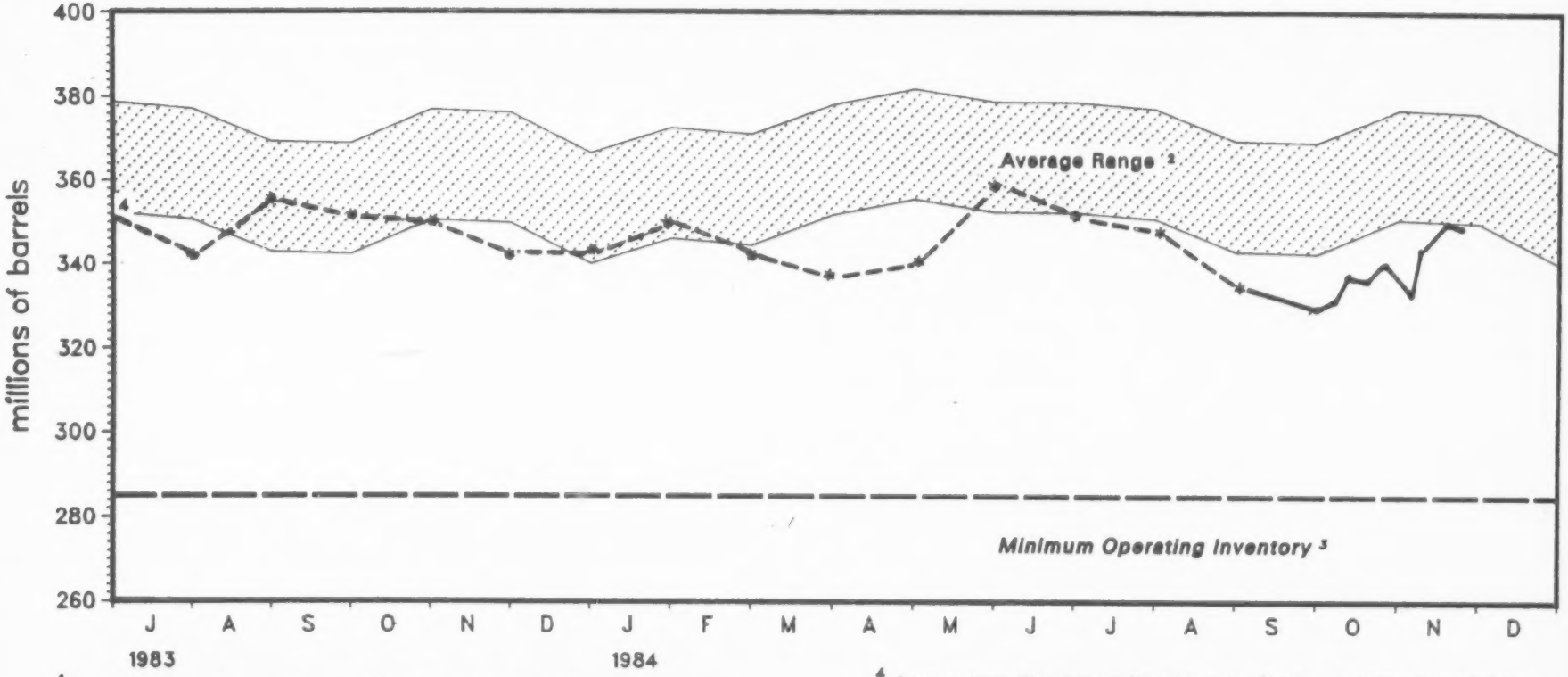
API STATISTICAL BULLETIN
WEEK ENDED: NOV. 23, 1984

REVISIONS

11/16/84	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,167
			DISTRICT 3 TOTAL	6,088
			DISTRICT 5 TOTAL	2,416
			TOTAL U.S.	13,227
			DISTRICTS 1-4	10,811
		CRUDE OIL RUNS	TEXAS GULF COAST	2,807
			DISTRICT 3 TOTAL	5,529
			DISTRICT 5 TOTAL	2,182
			TOTAL U.S.	11,967
			DISTRICTS 1-4	9,785
		INPUT TO CRUDE OIL	TEXAS GULF COAST	2,856
			DISTRICT 3 TOTAL	5,618
			DISTRICT 5 TOTAL	2,217
			TOTAL U.S.	12,133
			DISTRICTS 1-4	9,916
		% OPERABLE	TEXAS GULF COAST	74.4
			DISTRICT 3 TOTAL	75.6
			DISTRICT 5 TOTAL	70.3
			TOTAL U.S.	75.5
			DISTRICTS 1-4	76.7
	PAGE 2	TOTAL MGAS	IND., ILL., KY	1,162
			DISTRICT 2 TOTAL	1,774
			TOTAL U.S.	6,627
			DISTRICTS 1-4	5,563
		UNLEADED MGAS	IND., ILL., KY	727
			DISTRICT 2 TOTAL	1,040
			TOTAL U.S.	4,088
			DISTRICTS 1-4	3,446
	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	69,276
			TOTAL U.S.	232,349
			DISTRICTS 1-4	204,160
		LEADED MGAS	DISTRICT 3 TOTAL	21,030
			TOTAL U.S.	85,704
			DISTRICTS 1-4	76,649
		UNLEADED MGAS	DISTRICT 3 TOTAL	30,945
			TOTAL U.S.	107,936
			DISTRICTS 1-4	96,967
		DISTILLATE FUEL	DISTRICT 3 TOTAL	33,722
			TOTAL U.S.	155,373
			DISTRICTS 1-4	144,648
		UNFINISHED OILS	DISTRICT 3 TOTAL	49,906
			TOTAL U.S.	109,472
			DISTRICTS 1-4	84,729

Week Ended November 23, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

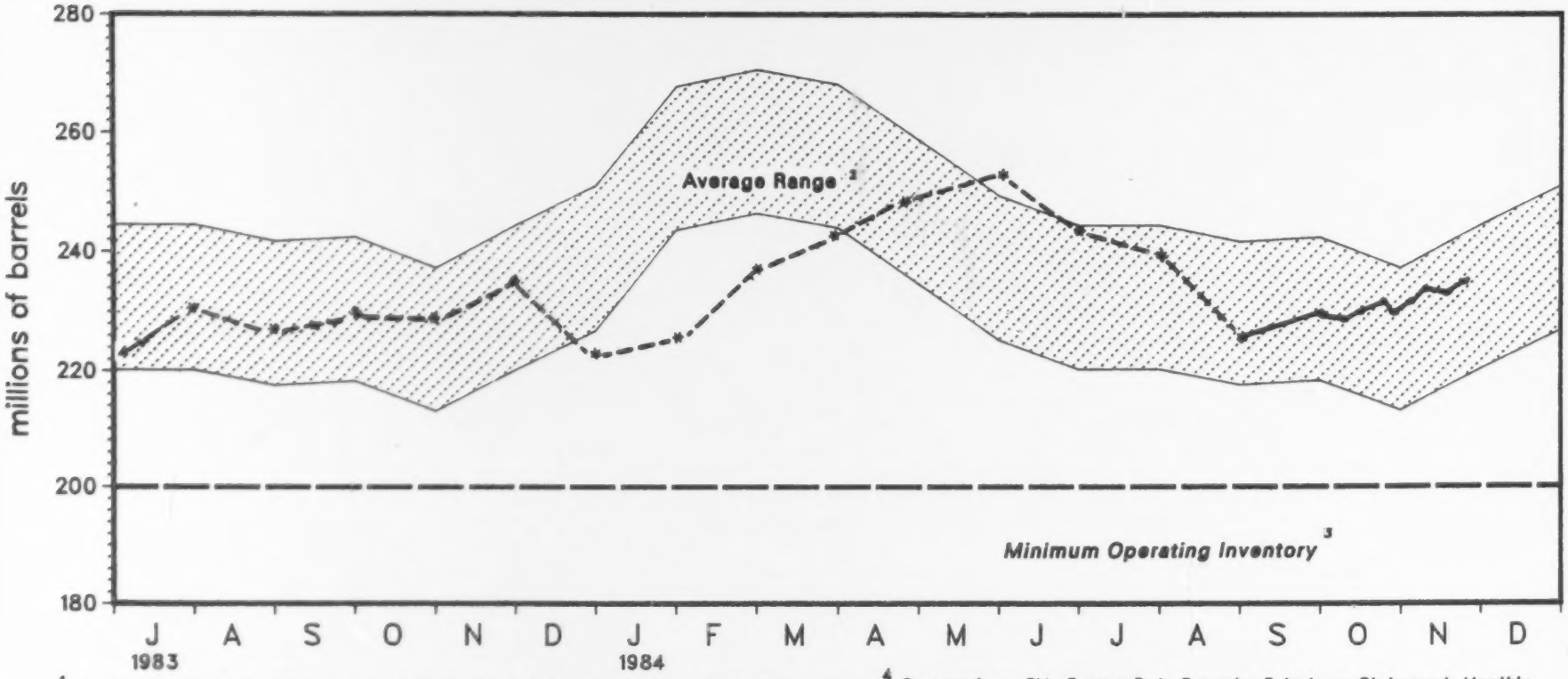
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

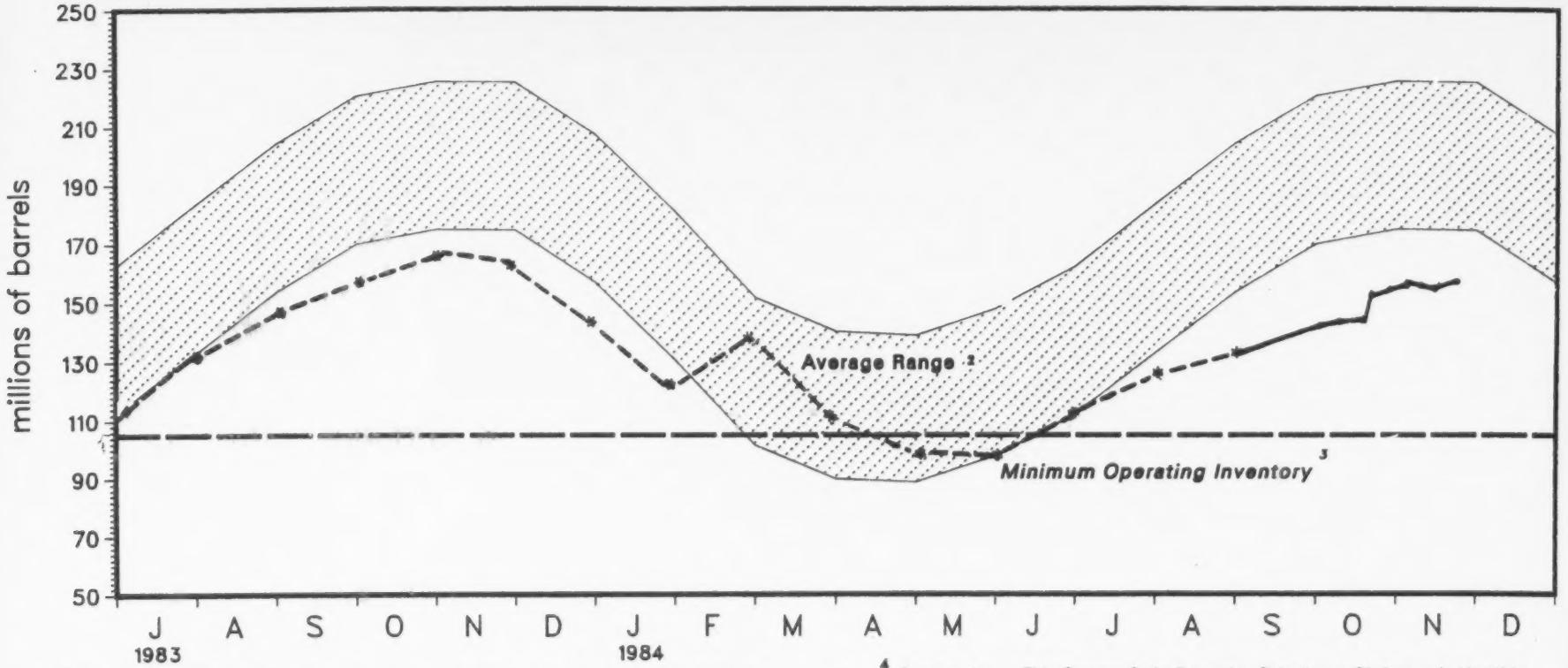
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on six years of monthly data: January 1978 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: • –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• —— API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: Jan. 1981 – Dec. 1983. The seasonal pattern is based on seven years of monthly data: January 1977 – December 1983.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: * –– EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*